	Application No.	Applicant(s)
Notice of Allowability	09/660,909 Examiner	SUSNOW ET AL.
•		,
	Man Phan	2665
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this or other appropriate communica GHTS. This application is subje	s application. If not included ation will be mailed in due course. THIS
1. This communication is responsive to the communications for	iled 09/13/2004.	
2. The allowed claim(s) is/are <u>1-22</u> .		
3. The drawings filed on are accepted by the Examiner	.	
 4. ☐ Acknowledgment is made of a claim for foreign priority una a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Application N	o
Applicant has THREE MONTHS FROM THE "MAILING DATE" on noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		eply complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give		
6. X CORRECTED DRAWINGS (as "replacement sheets") mus		
(a) ☐ including changes required by the Notice of Draftspers1) ☐ hereto or 2) ☐ to Paper No./Mail Date		PTO-948) attached
(b) 🗵 including changes required by the attached Examiner's		he Office action of
Paper No./Mail Date <u>1/7/04</u> . Identifying indicia such as the application number (see 37 CFR 1.		
 each sheet. Replacement sheet(s) should be labeled as such in the such in the sheet. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT in the sheet. 	sit of BIOLOGICAL MATERIA	AL must be submitted. Note the
Attachment(s) 1. Notice of References Cited (PTO-892)		nal Patent Application (PTO-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summ Paper No /Mail	nary (PTO-413), Date
3. A Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 09/13/04	Paper No./Mail 8), 7. ☐ Examiner's Ame	endment/Comment
4. Examiner's Comment Regarding Requirement for Deposit		ement of Reasons for Allowance
of Biological Material	9. Other	
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Reasons for allowance

- 1. This communication is in response to applicant's communications in the application of Susnow et al. for the "Multi-lane receiver de-skewing" filed 09/13/2000. This application is a Request for Continued Examination (RCE) under C.F.R. 1.114 filed on September 13, 2004. The amendment filed 04/12/2004 has been entered and made of record. The claims have been amended to better point out and more distinctly claim subject matter comprising the invention.
- 2. Claims 1-22 are allowable as evident by applicant's amendment.
- The following is an examiner's statement of reasons for allowance: The instant application is deemed to be directed to a no obvious improvement over the prior art of record. The improvement comprises a des-skew signal for initiating a de-skewing process; a test signal generator simultaneous feeding a test signal to inputs of the plurality of data lanes in response to the de-skew signal; and wherein, one de-skewed, the control state machine refrains from further control of the signals unless deemed necessary by the respective receiver. The instant invention, in combination with the other claimed features, improves upon the Prior Art by providing a method for effectively and efficiently technique for de-skewing in multi-lane receiver.
- 4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

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Allowance."

5. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Man U. Phan whose telephone number is (571) 272-3149. The

examiner can normally be reached Monday through Friday from 6:00 am to 3:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Huy Vu, can be reached on (571) 272-3155. The fax phone number for the

organization where this application or proceeding is assigned is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the Group receptionist whose telephone number is (571) 272-2600.

6. Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published

applications may be obtained from either Private PAIR or Public PAIR. Status information for

unpublished applications is available through Private PAIR only. For more information about

the PAIR system, see http://pair-direct.uspto.gov. Should you have any questions on access to

the Private PAIR system, contact the Electronic Business Center (EBC) at toll free 1-866-217-

9197.

MPhan

July 29, 2005

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MAN U. PHAN PRIMARY EXAMINER